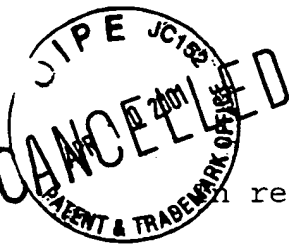


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5/17/02



Docket No.: 1509-270

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of :
Alistair Neil COLES et al. :
Serial No. 10/058,252 : Group Art Unit: 2644
Filed: January 29, 2002 : Examiner: Unknown
For: AN INTERACTIVE AUDIO SYSTEM :

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

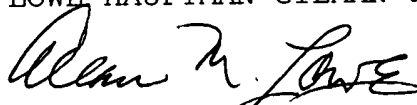
This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Serial No. 10/058,252

The relevance of each non-English language reference, if any,
is discussed in the present specification.

Respectfully submitted,

LOWE HAUPTMAN GILMAN & BERNER, LLP

A handwritten signature in black ink, appearing to read "Allan M. Lowe", written over the printed name.

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Date: April 10, 2002

**INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION**
(PTO-1449)

ATTY. DOCKET NO.
1509-270

SERIAL NO.
10/058,252

APPLICANT
Alistair Neil COLES et al.

FILING DATE
January 29, 2002

GROUP
2644

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,943,427	8/1999	Massie et al.			
	6,054,989	4/2000	Robertson et al.			

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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Kyriakakis, Chris et al., "Signal Processing, Acoustics, and Psychoacoustics for High Quality Desktop Audio," JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, Vol. 9, No. 1, March, pp. 51-61, 1998.
	Goose, Stuart et al., "A 3D Audio Only Interactive Web Browser: Using Spatialization to Convey Hypermedia Document Structure," ACM MULTIMEDIA 99, 1-58113-151-8/99/0010, pp. 363-371, 1999.
	Sawhney, Nitin et al., "Speaking and Listening on the Run: Design for Wearable Audio Computing," IEEE, 0-8186-9074-7/98, pp. 108-115, 1998.
	Billinghurst, M. et al., "A Wearable Spatial Conferencing Space," IEEE, 0-8186-9074-7/98, pp. 76-83, 1998
	King, Robert B. et al., "The Impact of Signal Bandwidth on Auditory Localization: Implications for the Design of Three-Dimensional Audio Displays," HUMAN FACTORS, 39(2), pp. 287-295, 1997.
	Kobayashi, Minoru et al., "Dynamic Soundscape: mapping time to space for audio browsing," http://www.acm.org/sigchi/chi97/proceedings/paper/kob.htm .
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.